Where can I find information on Beta 1 to Beta 2 Changes?

Beta 1 to Beta 2 changes are documented in Visual Studio .NET Beta 2 product

C:\Program Files\Microsoft.NET\FrameworkSDK\DOCS

Also from the beta site http://beta.visualstudio.net/

Can you install .NET Framework on my test server with my applications?

Assuming this is not your production Test Server, yes.

.NET runs side by side with your current application and will not harm anything

ASP and ASP.NET run side by side on the same server with no known issues.

MDAC 2.7 does not work with SQL Server 6.5 and SQL Server 7.0?

Visual Studio.NET installs MDAC 2.7 by default. For MDAC 2.7 to work with SQL Server 6.5 and SQL Server 7.0, you must run Instcat.sql to upgrade the catalog stored procedures….

More info in the readme file of Visual Studio .NET

http://msdn.microsoft.com/vstudio/nextgen/beta.asp

Readm

How do I do reports for my .NET Applications?

Crystal Reports enables web developers to create interactive reports for any enterprise application without leaving the Visual Studio .NET environment.

This capability ships with Visual Studio .NET

http://www.crystaldecisions.com/x-jump/scr_net/default.asp

How do I know which namespace is supported on which platform?

Is all documented in the Visual Studio .NET Readme file

When will Visual Studio .NET Ship?

- Microsoft is planning to release Visual Studio.NET in the 2nd half of 2001. We've been consistent about our plans to release in 2001 for quite a while, and though we certainly would have liked to release sooner, we have provided very early beta access for anyone who would like to try the product, and are now offering a deployment license for Web applications built on Beta 2.

What is “managed code”?

Managed code is code that runs in the context of Microsoft’s Common Language Runtime (CLR). This means that the runtime takes care of many aspects of programming such as memory allocation, garbage collection, thread management and many other low level details, resulting in safer, more reliable and more robust applications and components. Managed code is

What about Visual SourceSafe? Is that the versioning functionality referred to in this release?

It will be included with Visual Studio .NET Enterprise Architect and Enterprise Developer editions

Does Visual Studio.NET work with previous versions of Visual SourceSafe?

Visual Studio.NET introduces new file types that are only recognized by Visual SourceSafe 6.0c Beta 2.

To ensure that your source control services are properly and fully integrated, install Visual SourceSafe 6.0c Beta 2.

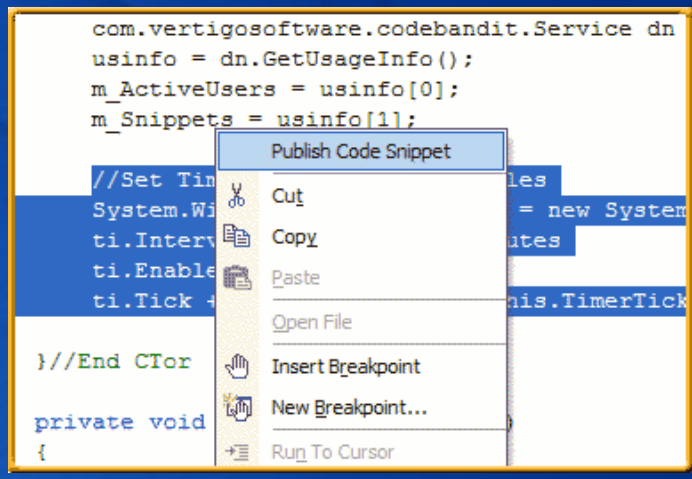
How do you do source control and team dev with Visual Studio .NET?

- Microsoft is shipping a new version of Visual SourceSafe that works very well inside the new Visual Studio .NET IDE
- It will ship with the EE edition of Visual Studio .NET

Can I get and share code with Visual Studio .NET on the Internet?

Just get the free Addin for Beta 2 called VSCODESWAP

http://www.vscodeswap.com



Question: 11

Where is the best place to go to learn ASP.NET?

http://www.ibuyspy.com

Welcome! The IBuySpy Developer Solution Kits are scenario-focused, real world samples that demonstrate best practices for creating ASP.NE

Where can I find Code Samples?

http://msdn.microsoft.com/code/

http://www.vscodeswap.com/

http://www.gotdotnet.com/

The Visual Studio .NET Beta 2 DVD

Samples in VB .NET, C#, C++

Can Biztalk invoke XML Web services?

A: Yes, for more information check out:

http://www.microsoft.com/biztalk/

What is the CLI?

Common Language Infrastructure (CLI) is a vendor- and platform-neutral subset of the .NET Framework that enables companies to implement solutions anywhere in their enterprise.

The CLI, developed by Microsoft, was submitted to the ECMA standards body for standardization in November 2000.

What is the CLR?

Common Language Runtime (CLR) is a high-performance execution engine. Code that targets the runtime and whose execution is managed by the runtime is referred to as “managed” code. Responsibility for tasks such as creating objects, making method calls and so on is delegated to the Common Language Runtime, which enables the runtime to provide additional services to the executing code. The Common Language Runtime actually has a role in both a component’s development time and execution time experiences.

Can I call an Win32 API from .NET?

A: YES

```
Imports System.Runtime.InteropServices
Imports System.Text
Public Class API
    'Declare the external Win32 API Call
    <DllImport("kernel32")> Public Shared Function
      GetSystemDirectory(ByVal _
          Buffer As StringBuilder, ByVal Size As Integer) As Integer
End Function
End Class

'Call the Win32 API
          API.GetSystemDirectory(Builder, MAX_PATH)
```

What is UDDI ?

The UDDI (Universal Description, Discovery, and Integration) Project is an effort to define a set of specifications that will make it easier for businesses to accelerate the use of B2B eCommerce over the Internet.

http://uddi.org/ or
http://uddi.microsoft.com/

What's New in UDDI v1.5?

- Completely New .NET Architecture
- New User Interface
- Improved Performance
- New Visual Studio Integration
- Internet Explorer Integration
- New Developer Tools

What Design Time platforms does Visual Studio.NET Support?

- Windows NT 4.0 (Workstation and Server)
- Windows 2000 (Professional and Server and Advanced Server)
- Windows XP Pro and Server

What about changes from Beta 1 to Beta 2?

All changes are documented in the Visual Studio.NET Beta 2 product

C:\Program Files\Microsoft.NET\FrameworkSDK\Docs

What is the difference between MIT (Mobile Internet Toolkit) and .NET Compact Framework?

The Microsoft Mobile Internet Toolkit is a feature of Visual Studio.NET which enables developers to deliver applications to create **browser based** applications for mobile devices. These devices include WML and cHTML (iMode) enabled cell phones, HTML enabled pagers such as the RIM Blackberry, and PDA's including the Pocket PC and Palm devices.

The .NET Compact Framework is a subset of the Microsoft .NET Framework for the desktop. The .NET Compact Framework enables developers to create **rich client side** applications and

Should I start building production applications with VS .NET Beta 2?

Visual Studio.NET Beta 2 is designed for evaluation and education purposes on test equipment only. Installing on computers upon which you depend for day-to-day operations, either for yourself or for your business, is strongly discouraged.

This beta software should only be installed on test machines that can be reformatted if needed.

An ASP .NET GO Live license is

How do you write for the Visual Studio shell?

- The IDE now exposes a series of interfaces that you can program directly against with the included VS IDE macro language.
- Alternatively you can join VSIP (vsip@microsoft.com) for a deeper level of integration.

What are the system requirements for Visual Studio.NET Beta 2? (Hardware and Software)

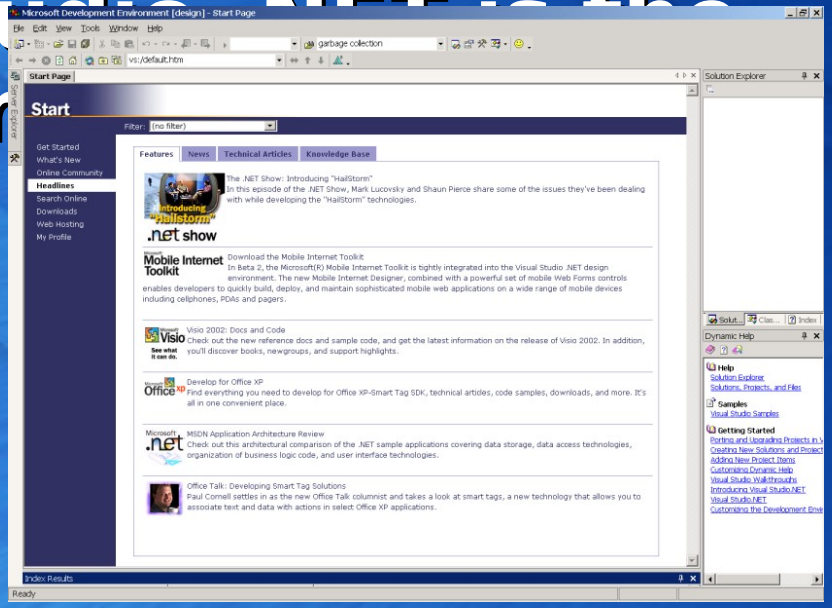
Beta 2	Minimum Requirements*	Recommended Requirements*
Processor	PII, 450 MHz	PIII, 600 MHz
RAM	96MB W2K Professional 192MB W2K Server	128MB W2K Professional 256MB W2K Server
Video Card	800x600, 256 colors	1024x768, Hi-Color
OS	Windows 2000 / XP / NT4.0, all Professional or Server editions	
Disk	500MB on system drive, 2.5GB on installation drive DVD for DVD media distribution CD required for CD media distribution	

Question: 25

What's the difference between the .NET Framework and VS .NET?

The .NET Framework is the platform

Visual St… .NET is the develop…



Is there functional parity between Visual Basic .NET and C#?

Yes. In 99% of the cases both Visual Basic and C# will be able to implement the same functional items.

The produce the same IL code

The performance is the same

Visual Studio .NET vs Notepad and .NET Framework

- The .NET Framework is a free download
- You can develop applications that use it in Notepad and deploy those
- Visual Studio .NET is the development tool with designers and features that will greatly increase developer productivity

VBA and VSA?

VBA is the customization technology today and moving forward for Classic COM / Rich-client / desktop applications. Office XP Uses VBA as the customization / automation / interoperability technology

VSA is the Customization technology for .NET distributed middle-tier business logic

Where is Visual InterDev?

Visual Interdev has been included into the Visual Studio.NET IDE. All languages will have access to the market leading features of the current Visual InterDev product. This enables all of the previously separate programming tools to leverage the many capabilities provided by Interdev, including its HTML editors and remotely hosted project functionality.

Is MFC included with the framework?

MFC is included in VC++. There are a fair bit of enhancements as well for this version. MFC is all about native C++ development – it is not part of the .NET managed frameworks. Windows Forms is the comparable part of the .NET Framework to MFC.

How do you access the serial (COM) ports in .NET apps?

The FireCracker example shows you how to do this: http://www.msdn.microsoft.com/library/en-us/dnsamples/X10Firecracker.exe

Cookieless Session State

Cookieless sessions are designed to support certain protocols which don’t support cookies (wireless phone browsing, for example) or for users who turn cookie persistence off in their browsers.

Cookieless Session State and Security

If someone were to obtain the session key surreptitiously while the session was active, they could use it to spoof the real customer. The workaround is to use SSL or some other encryption technology for your communications so that the URL is never sent in the clear.